

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078567.D
 Acq On : 18 Jul 2023 17:40
 Operator : JC\MD
 Sample : 03646-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 YARD-1RE

Quant Time: Jul 19 03:14:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

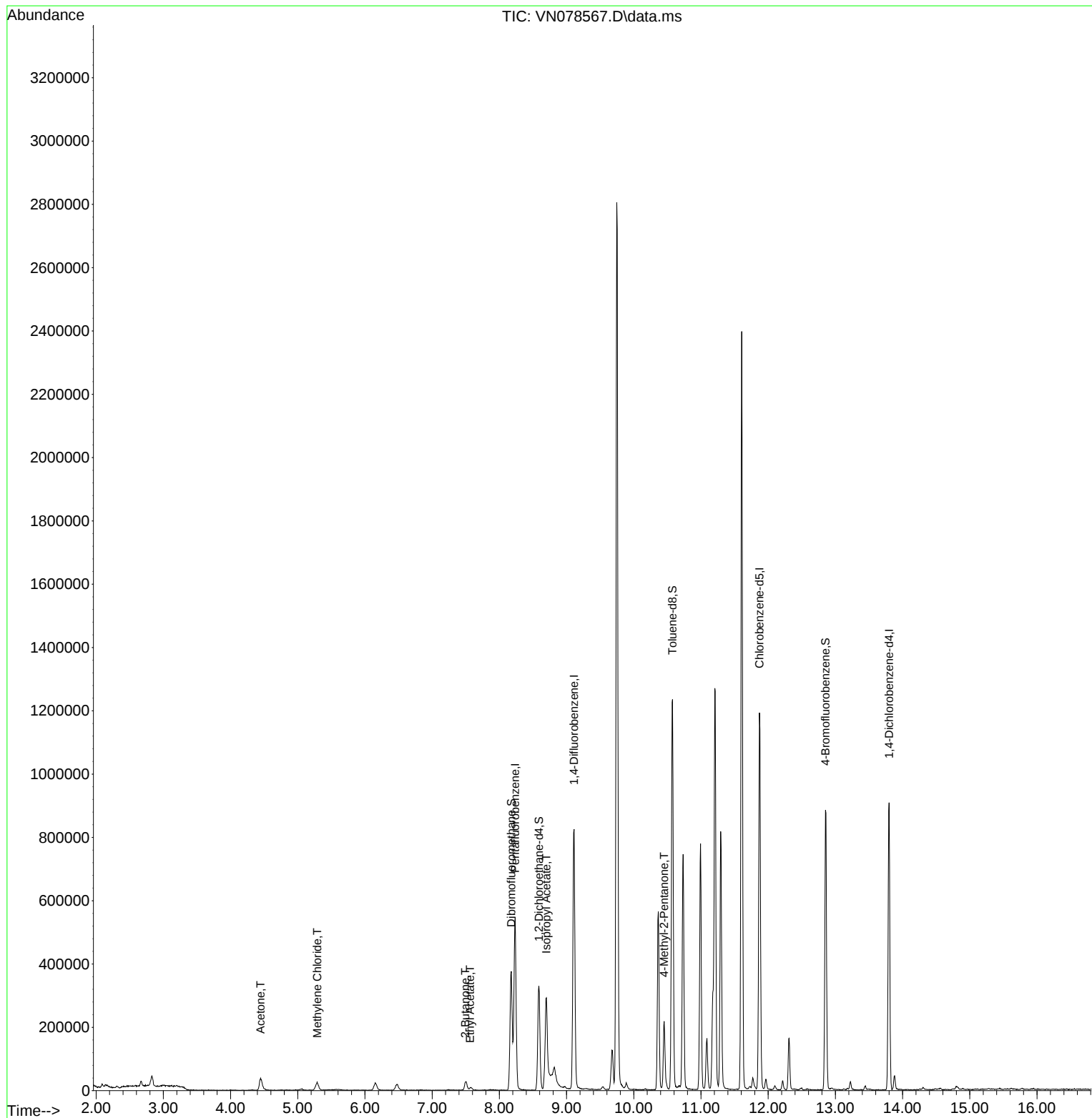
Internal Standards						
1) Pentafluorobenzene	8.235	168	400526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	741823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	731631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269620	50.213	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.420%	
35) Dibromofluoromethane	8.177	113	269858	53.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.180%	
50) Toluene-d8	10.576	98	906057	47.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.260%	
62) 4-Bromofluorobenzene	12.853	95	312120	53.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	69346	41.460	ug/l	97
20) Methylene Chloride	5.289	84	18505	2.700	ug/l	95
25) 2-Butanone	7.494	43	43546	16.539	ug/l #	76
37) Ethyl Acetate	7.565	43	14053	2.318	ug/l #	89
43) Isopropyl Acetate	8.700	43	352099	35.283	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	143592	24.191	ug/l	90

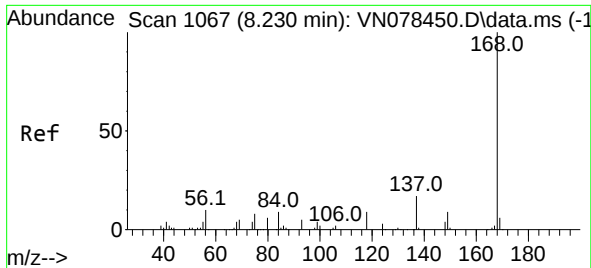
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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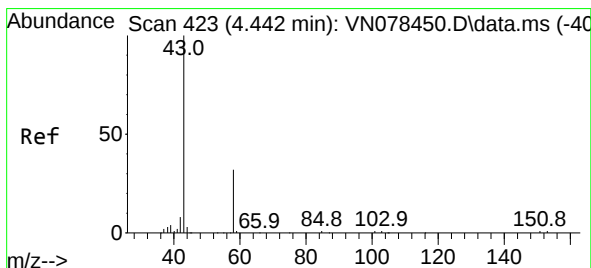
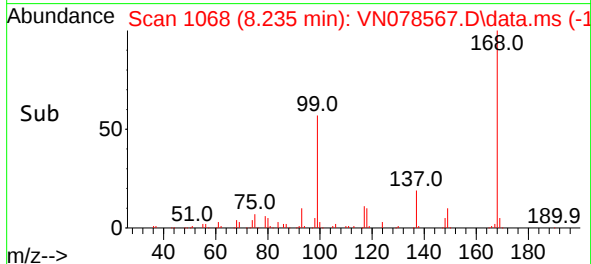
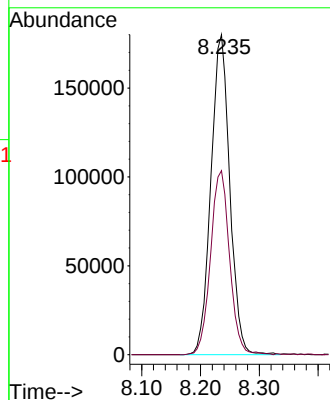
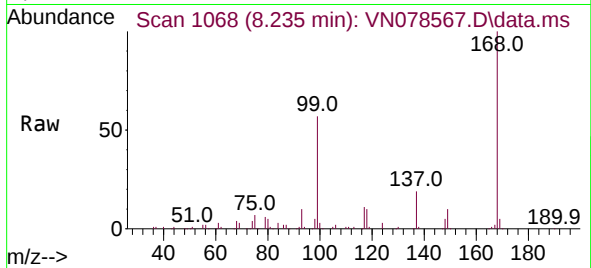




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

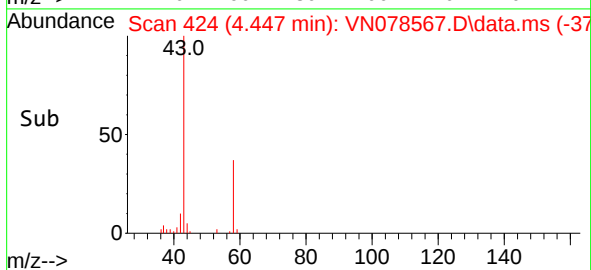
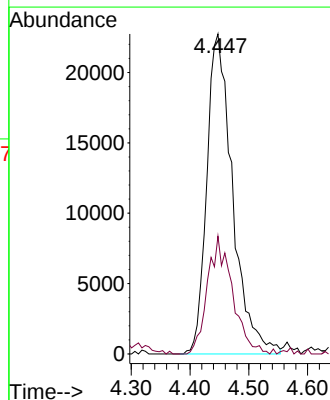
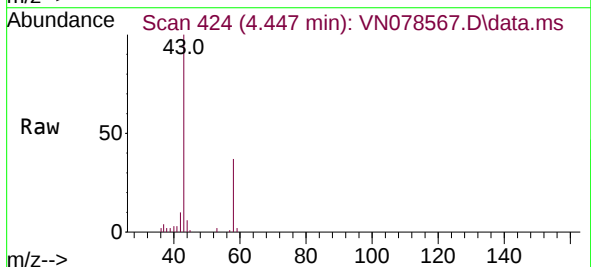
Instrument :
MSVOA_N
ClientSampleId :
YARD-1RE

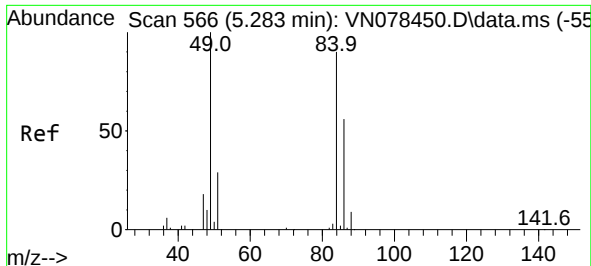
Tgt Ion:168 Resp: 400526
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#16
Acetone
Concen: 41.460 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

Tgt Ion: 43 Resp: 69346
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

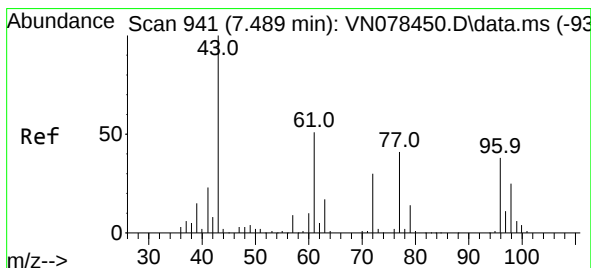
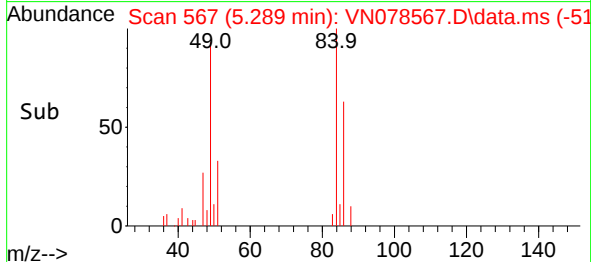
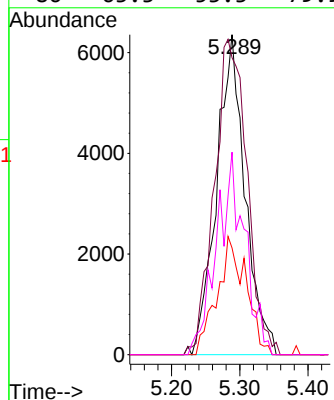
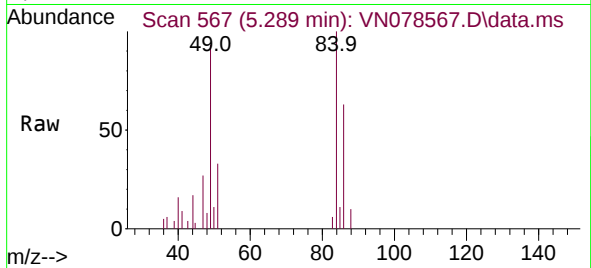




#20
Methylene Chloride
Concen: 2.700 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

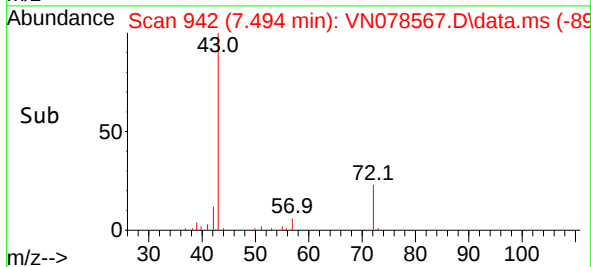
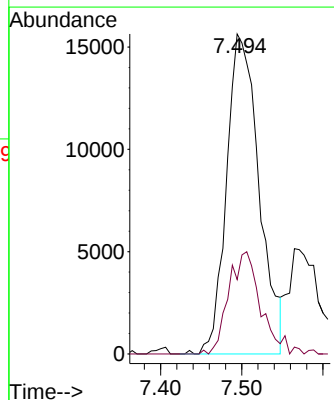
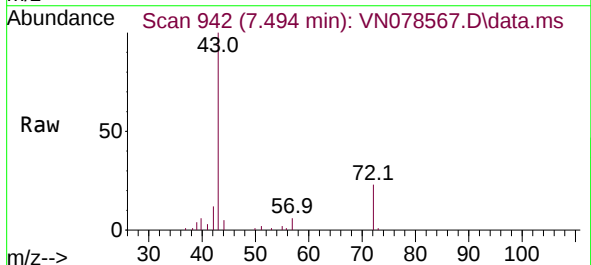
Instrument :
MSVOA_N
ClientSampleId :
YARD-1RE

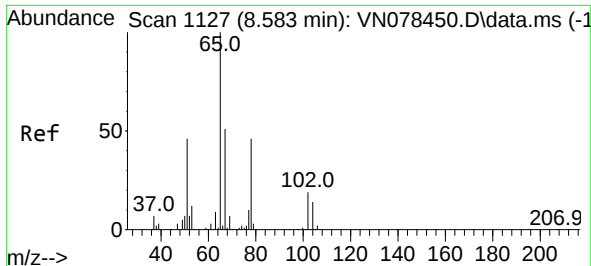
Tgt Ion:	84	Resp:	18505
Ion	Ratio	Lower	Upper
84	100		
49	92.8	79.7	119.5
51	33.3	25.2	37.8
86	63.3	53.3	79.9



#25
2-Butanone
Concen: 16.539 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

Tgt Ion:	43	Resp:	43546
Ion	Ratio	Lower	Upper
43	100		
72	23.3	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 50.213 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078567.D

Acq: 18 Jul 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

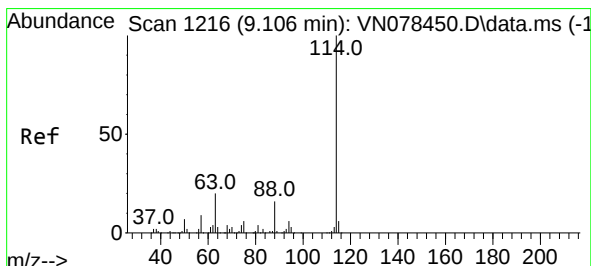
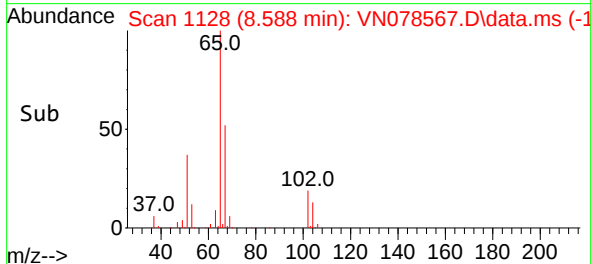
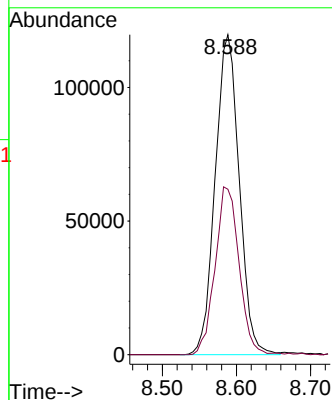
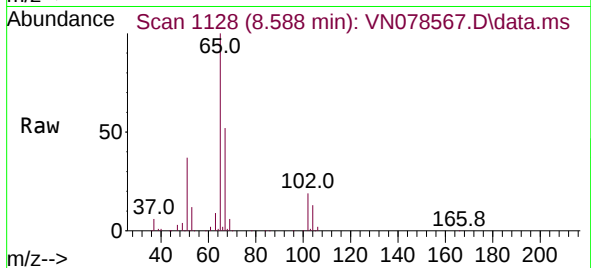
YARD-1RE

Tgt Ion: 65 Resp: 269620

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078567.D

Acq: 18 Jul 2023 17:40

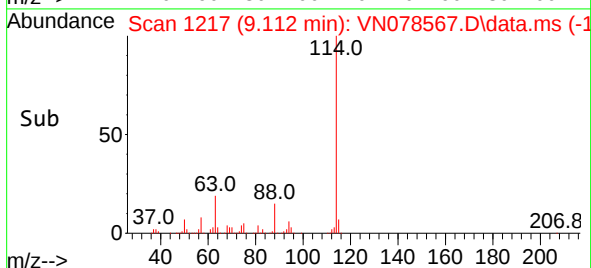
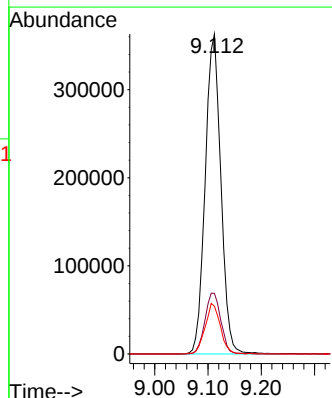
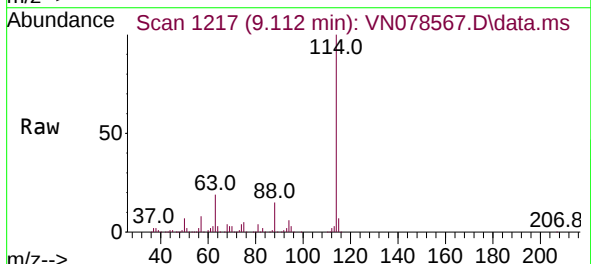
Tgt Ion: 114 Resp: 741823

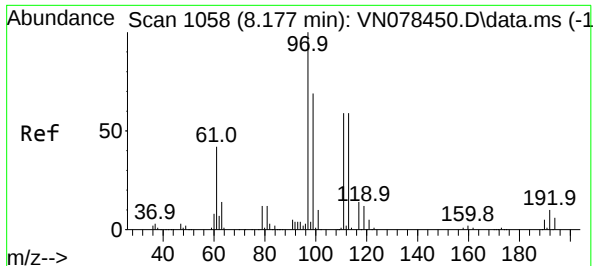
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

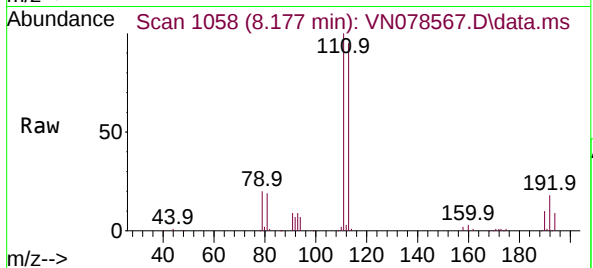
88 14.9 0.0 30.6



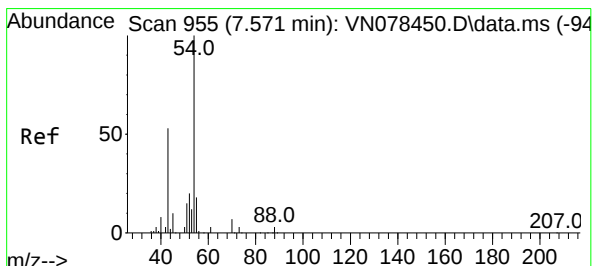
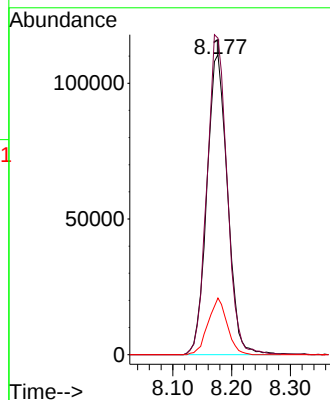
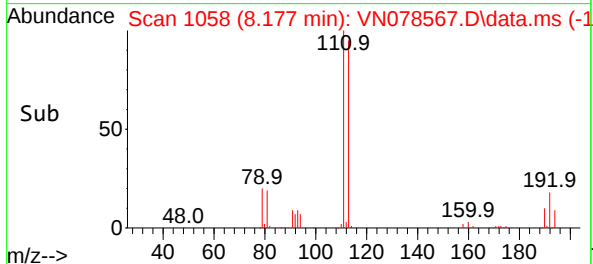


#35
Dibromofluoromethane
Concen: 53.589 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

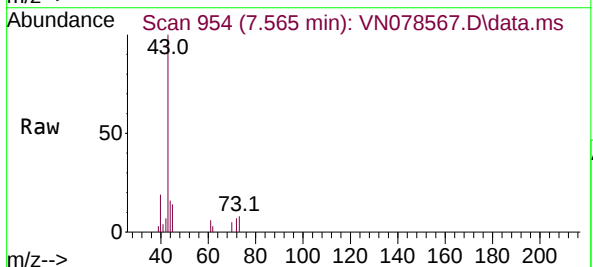
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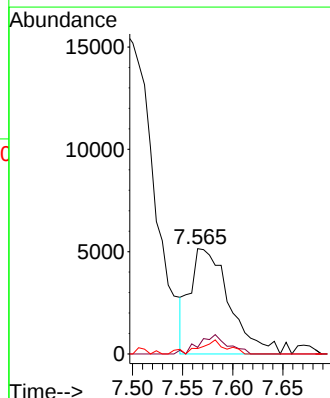
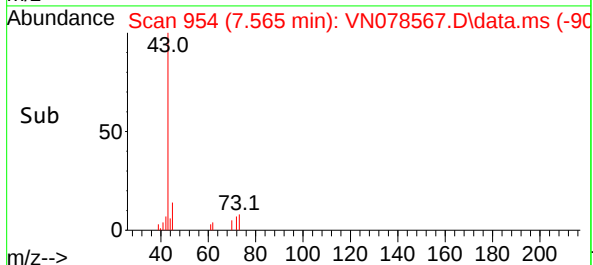
Tgt Ion:113 Resp: 269858
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.4 12.7 19.1

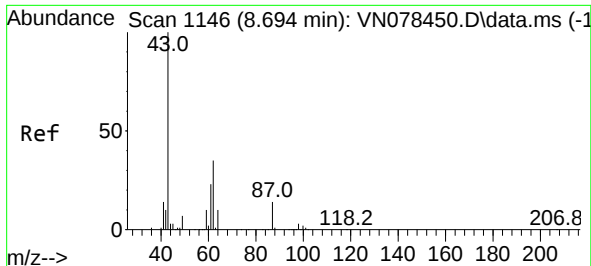


#37
Ethyl Acetate
Concen: 2.318 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40



Tgt Ion: 43 Resp: 14053
Ion Ratio Lower Upper
43 100
61 13.3 13.2 19.8
70 8.1 11.3 16.9#

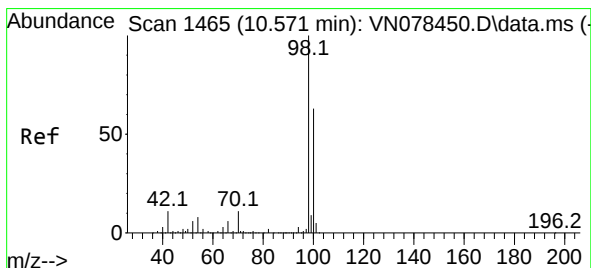
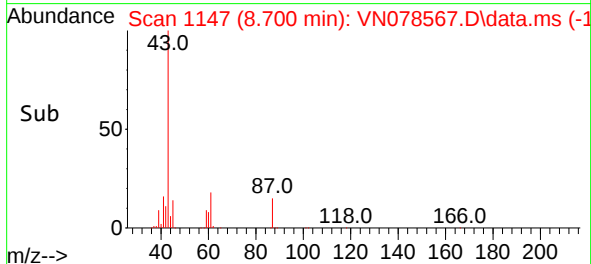
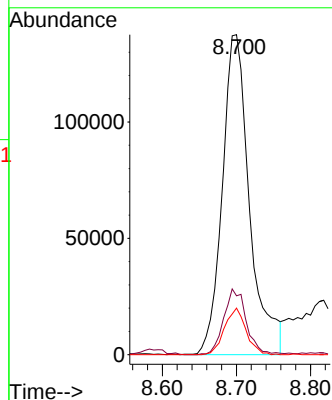
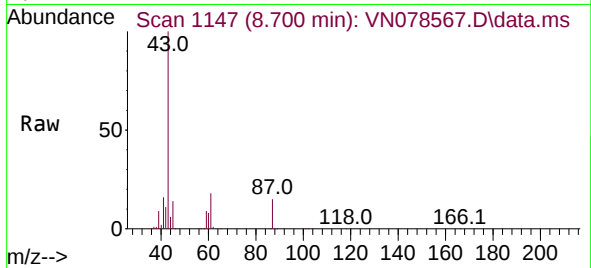




#43
Isopropyl Acetate
Concen: 35.283 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

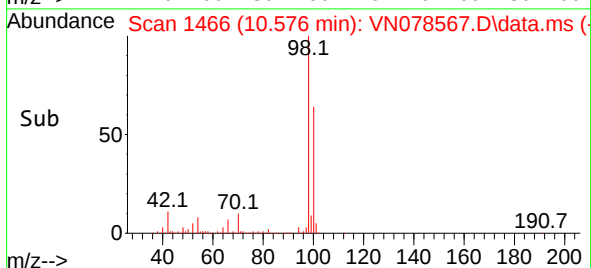
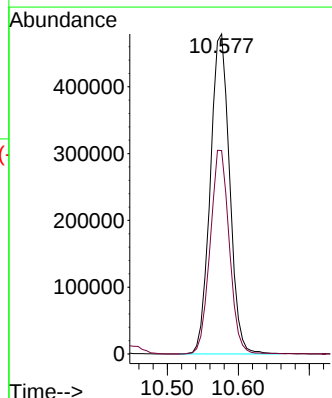
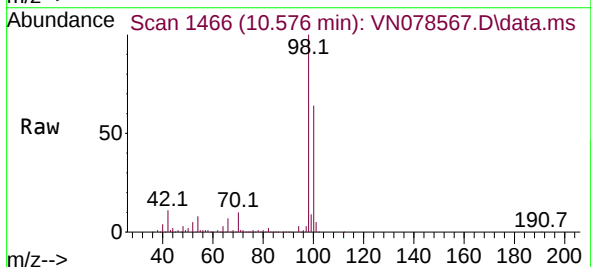
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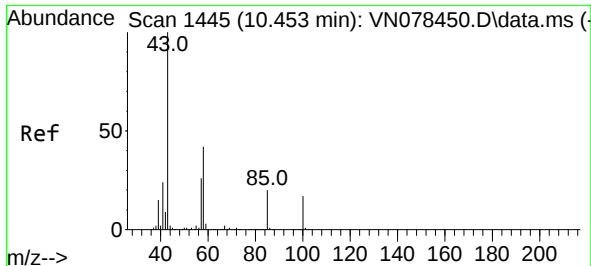
Tgt Ion: 43 Resp: 352099
Ion Ratio Lower Upper
43 100
61 17.0 24.7 37.1#
87 11.5 14.6 21.8#



#50
Toluene-d8
Concen: 47.628 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

Tgt Ion: 98 Resp: 906057
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

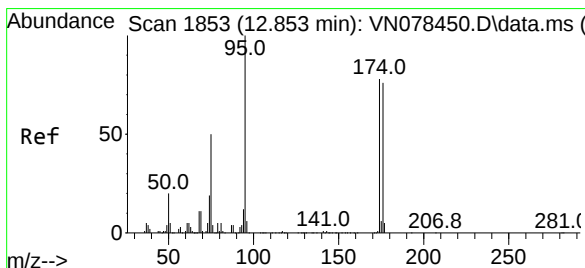
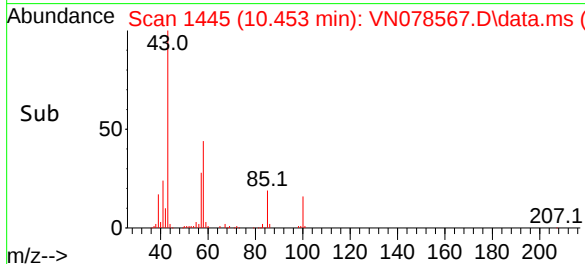
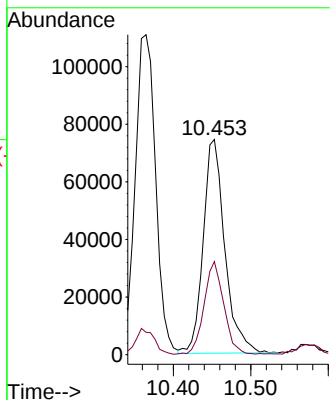
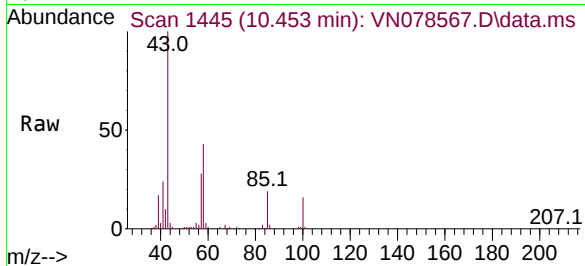




#51
4-Methyl-2-Pentanone
Concen: 24.191 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

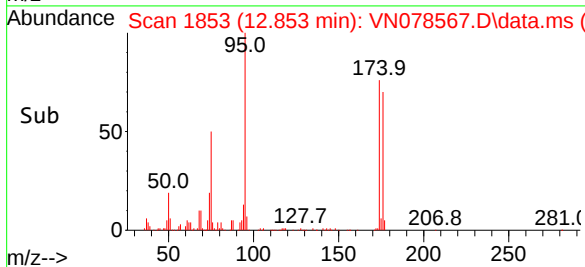
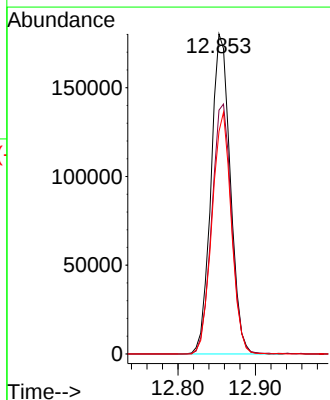
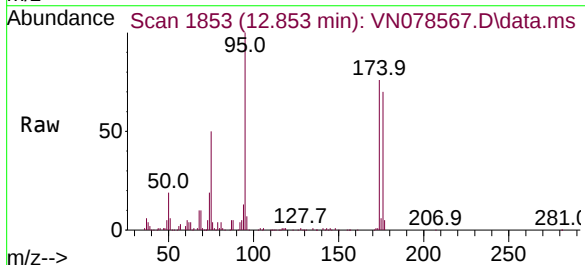
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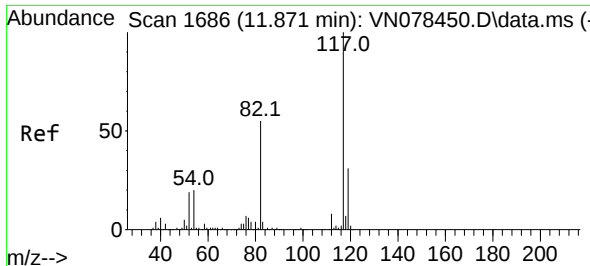
Tgt Ion: 43 Resp: 143592
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.266 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

Tgt Ion: 95 Resp: 312120
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 75.7 0.0 135.8

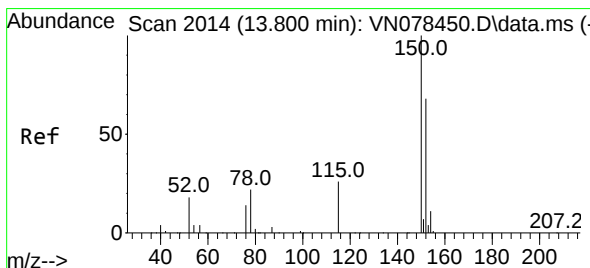
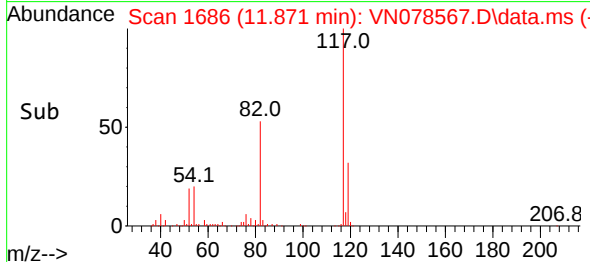
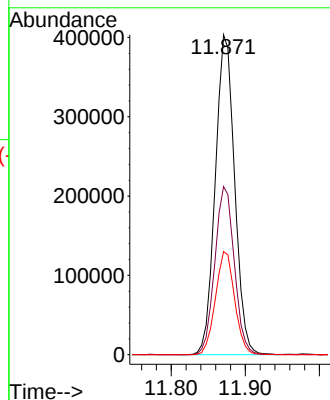
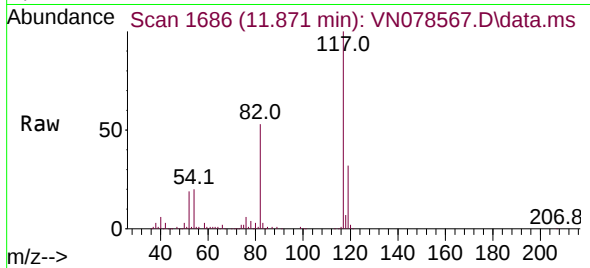




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
YARD-1RE

Tgt Ion:117 Resp: 731631
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN078567.D
Acq: 18 Jul 2023 17:40

Tgt Ion:152 Resp: 259490
Ion Ratio Lower Upper
152 100
115 58.7 32.3 96.8
150 152.7 0.0 355.8

